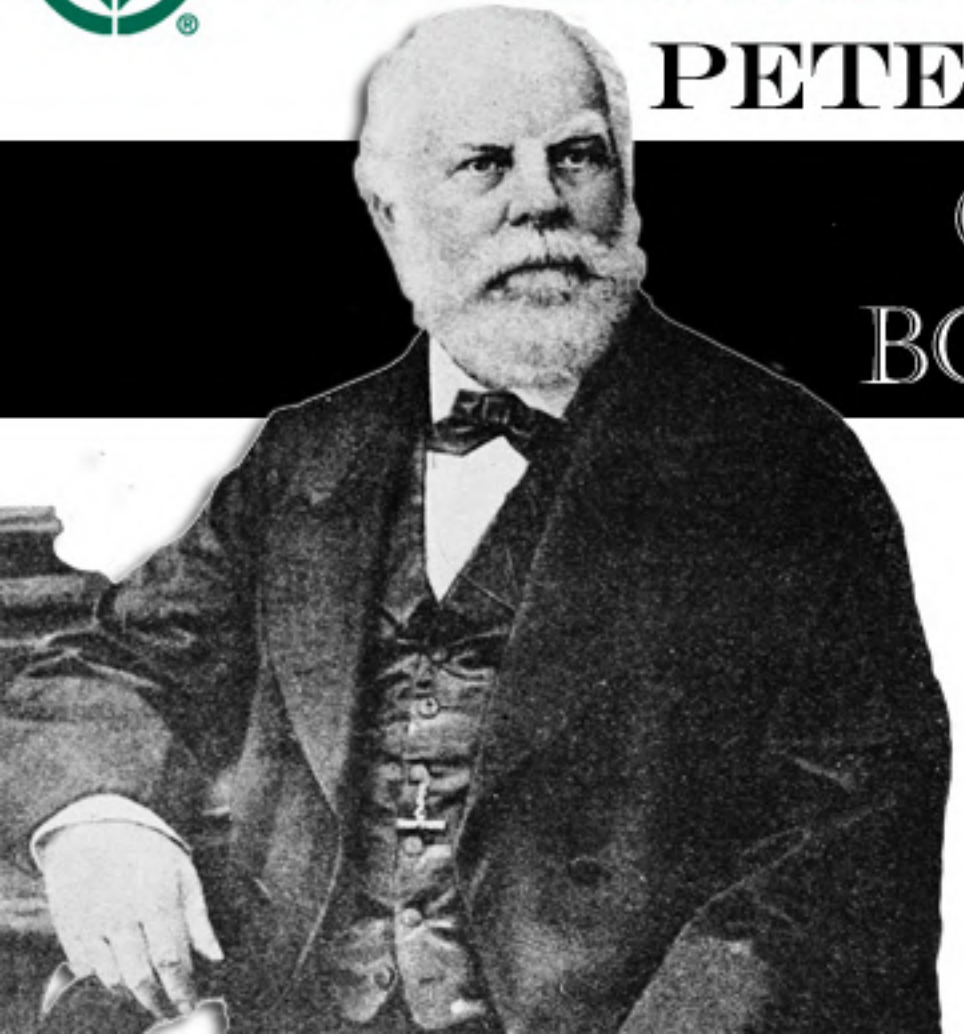
Missouri Botanical Garden

Peter H. Raven Library

George Engelmann Botanical Notebooks



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

422

Cuba p. 495

Trichostigma. Spec.

Inclosed 372-373

4768

MISSOURI BOTANICAL GARDEN
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0 1 2 3 4 5 6 7 8 9 10
cm
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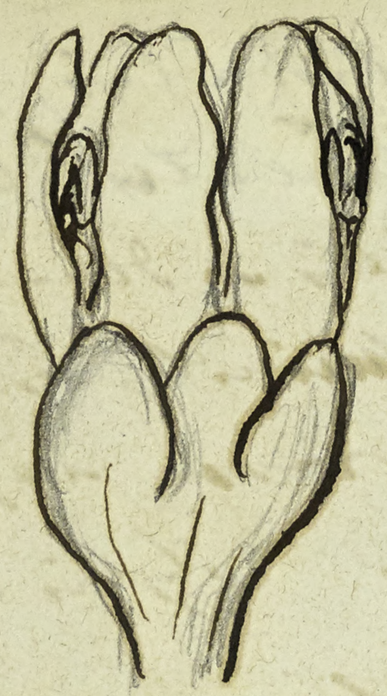
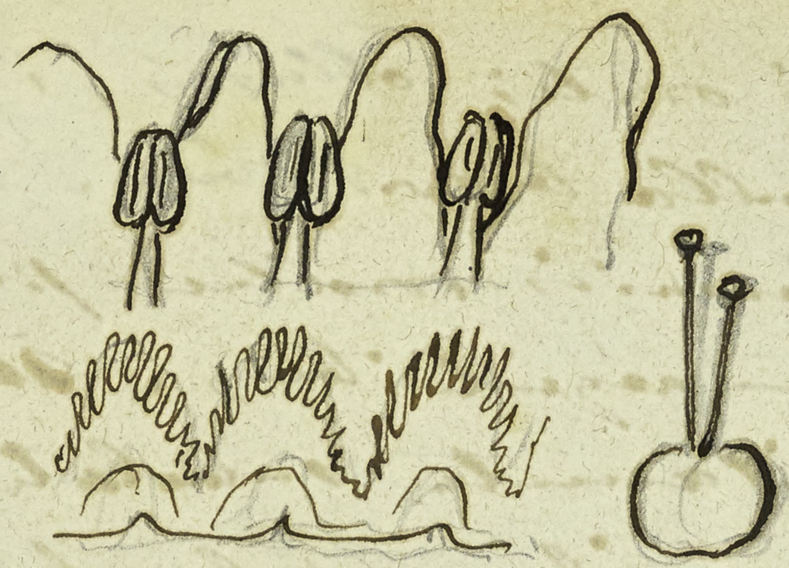
308 —

Kew. Aug 1857

= 194



2.0 "



Hb. Benth
Hk Hook

Cuyuta
Santarem Brasil
Spruce

1. Coitadinho
2. On Hyptis, May 1830.

№ 854

Sphaerocyclus
var obtusior

This ovary is
from Specimen №852

H. white, odor that of Hawthorne flowers

Caule filiformi, floribus pedicellatis in cymulas umbelliformes globosas congestis; bracteis ovatis obtusis; calycis

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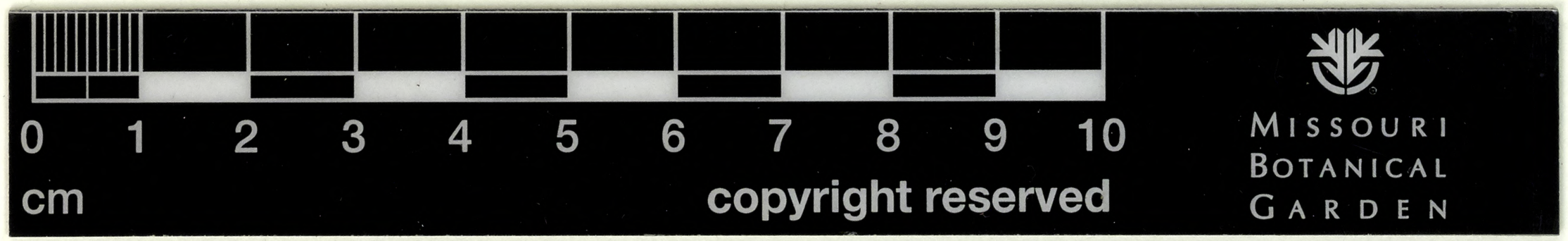
propunde fissi lobis ovatis obtusis imbricatis
~~reflexis~~ tubo paullo brevioribus, tenuitus reflexulatis (vitis, lucidis
(= C. nitida!), laciniis corollae patulis v. demum reflexis
ovatis obtusis tubum aequantibus, staminibus brevibus
antheris ovatis filamenta subulata vix aequantibus
stigmis tubo brevioribus fimbriatis; stylis demum
vix depressis multo superantibus.

This is a form of C. sphaerocarpa, easily
recognized by the inflorescence; but lobes of Corolla
are here more obtuse and styles shorter.
longer
the sepals! —

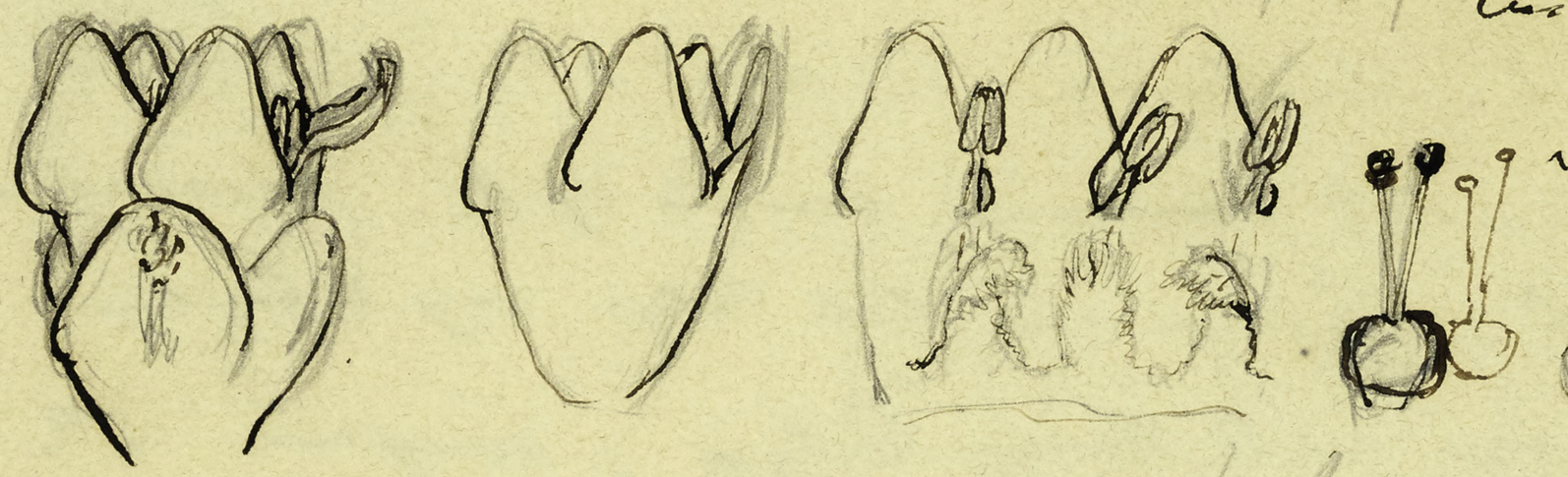
6969



41

Compare 27 — perhaps = 52 & 21 — 1857,

Cuscuta panamensis



1.7

1.7‴

1.7

Panama, Tweedie

Herb. Hook 53.a

Sept 1859

perhaps var macrocephala of C. racemosa

*extra-axillary spiciformis, ovoid globose; flowers bracted

racemose ovoid-globose; pedicellate; calyx cupulate, lobes unequal, very

orbicular ovate-obovulate, obtuse; corolla tube cupulate

5. pallo superantibus, lobi ovati acuti, dum patuli, staminibus superantibus; anthers

oblongis filamento aequilibus, apici insigni; styli capillares

ovarium conicum, ovoideo; stylis capillaribus exsertis

depresso globose ovario) longioribus, vix tubum

flowers 1 3/4 inch long, or 1/4 when fully expanded. — Resembles a small

over

form of Cereus ochrata (No 9) but strongly different

Could it be C. floribundus (no 27) ?

has the corpulent ~~flow~~ of corolla of C. racemosa

which is not common — but Calyx very different

or a racemosa with large Calyx ; compare 52

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63

(engraved 115

1.0

" 1.0

Cucurbita ovifera

coast of Peru April 12

D. Gregg № 401

Stains yellow;
Stems with reflexed bristles,
lanceolate, points incurved;
capsule ovate-oblong, seeds with a
0.8 capsule broadly, punctured

Cucurbita Gregg № 407, coast of Peru is
the same.

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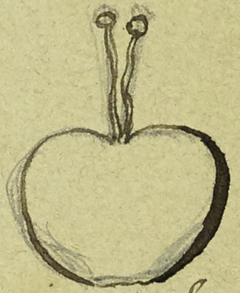
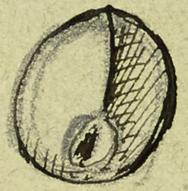
1843 l.c. C. viminea, Texas Jun 1842



ovary & capsule of specimens from New Braunfels 1846

Drummond's spec'n (№ 247) also on Petalostemon has calyx nearly covers corolla tube but not quite — otherwise the same; seed 0.5; sharp angled



on inside circular border externally hairy with a deep sinus

Ck/ Stalk bracteate!

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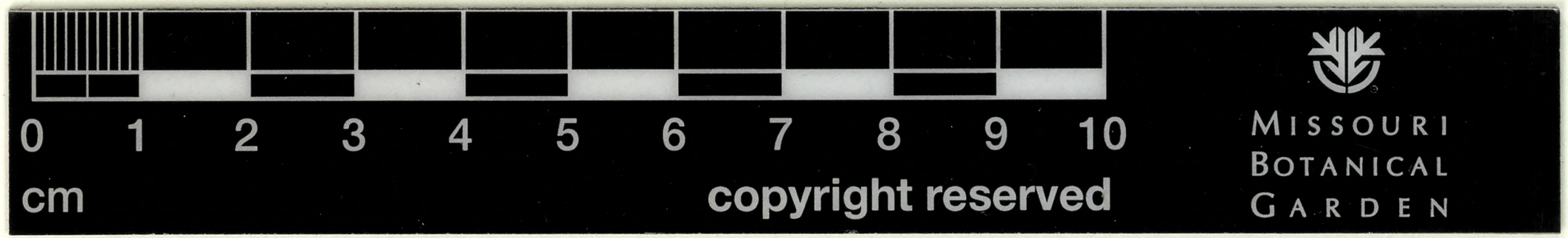
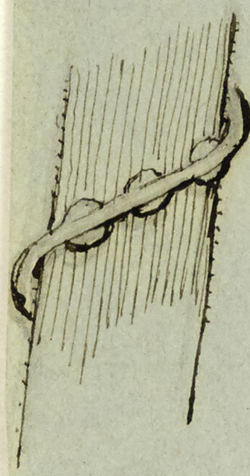
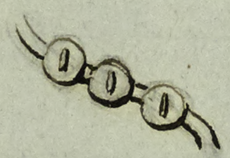
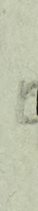


KK.

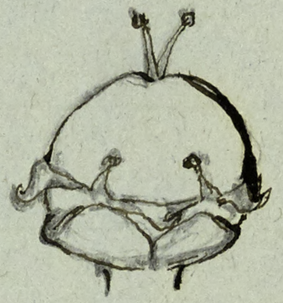






section
more magnified

Section

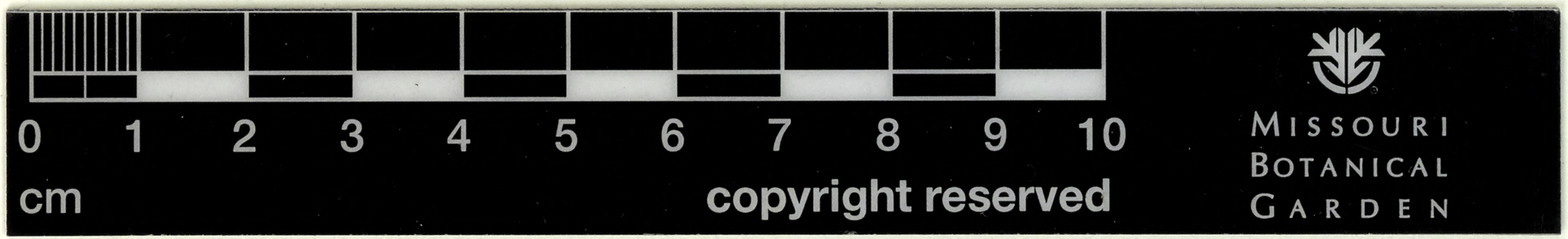


Cuscuta
on a blade of grass.

more magnified

Cuscuta pentagona

Iron Mountain, Pine barrens near Hillsborough (Fréal = June
Richl = Aug. 1844



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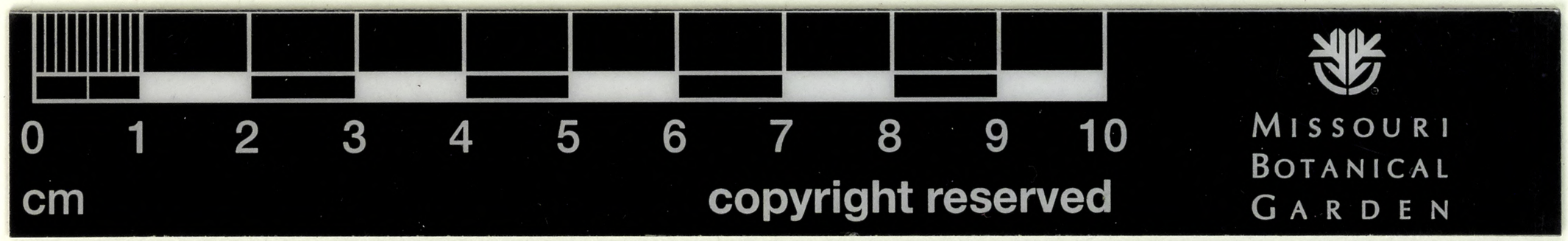

43 Cuscs p. 496

C. gymnocarpa n.sp.

C. Sandwichiana

var Mimosae Hook f

in Transact. XX

1. 205

Enclosed 377

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66

v. 1865

& 68 Galapagos

Gramnitra gymnocarpa

~~Cerato~~ ~~Galapagensis~~ n sp

probable shape of flower.

seeds similar to C. acuta, but thicker

James Isl, Galapagos

C Darwin leg

Hb Kew. Herb Hook 40.e Oct 1835

(s.b. nomine C. sandvicensis × Minimae Hook fil (vide)

(caulibus filiformibus

floribus glomeratis, breviter

pedicellatis; calycis lobis ovatis

obtusis in tubo corollae aequilongis

(v. aequilibus?) lacinijs acutis

antice v. dein recurvis, staminum

aequilongis; antheris ovatis, obtusis

filamento brevi aequilongis lacinijs

multo brevioribus; ovario stipitato

tubo infundibuliformi aequilongo; capsula

carnosa pendula, basi corolla

persistente. sem. (flavis) albo-fuscis

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Also this refers to Gr. Gillespie's fig 239 ? see fig 239

Prof Andersson has collected the same plant from the Galapagos Islands. it is always characterised by the divaricate style and it grows on Lycopodium & Usneae, com on a few herbaceous Crotalaria, but also on trees, Parkinsonia, etc hangs down in thick masses like festoons

A. J. Anderson

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AL GARDEN
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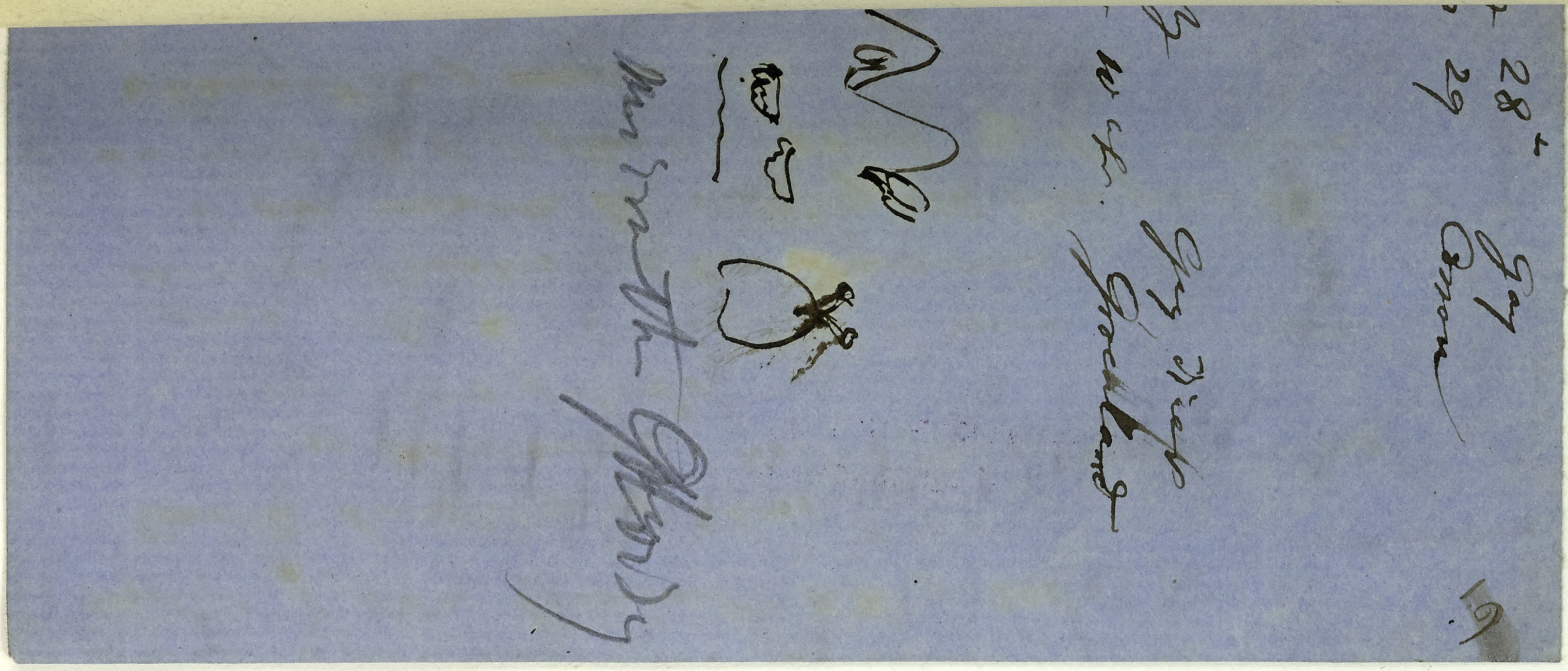

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Hook fil ÷ Linn Transact XX p. 205

Carata subviresens in Chris

var Mimosae : foliolis florum brevioribus
seminibus fulvis

Lamus Island in immense abundance amongst
Mimosa Bushes Ch Darwin

I am unable to distinguish this from the
subviridis in the plant except by the above
characters —

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69

= 31

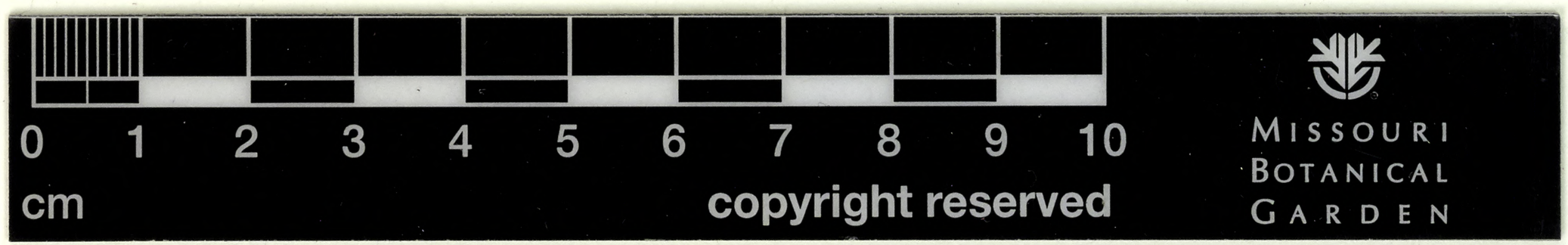
Cassia Sandwichiana

Waha (Oahu

Forskohly

ramis filiformi ut H. Ledebour
glandulosi
calycis lobis oblongis acutis
triangulatis corollae tubum
aequantibus; staminis corollae
acutis inaequis; ovarii
ovati globosi subsessilis
sulcati

Same as Gaudichaud's plant (31) but lobes of Corolla more acute; styles more slender and shorter th ovary; flowers & seeds smaller



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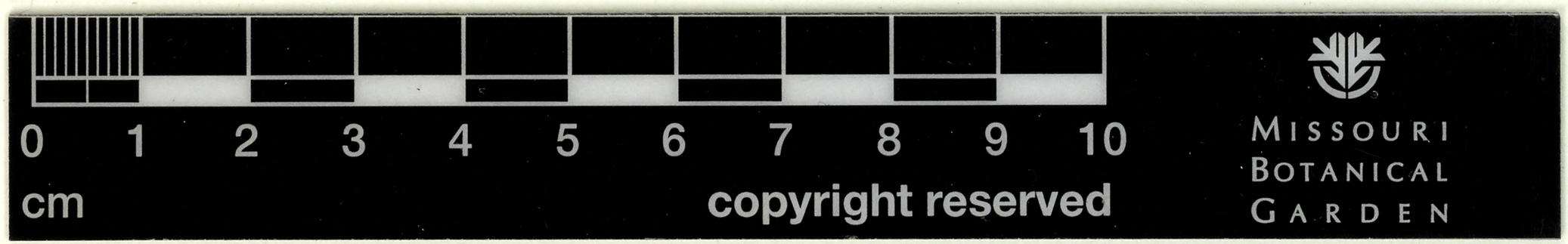

#44

Case p. 496

Cusc. Sandwichiana Choi

[illegible]

Enclosed 375-378

4778

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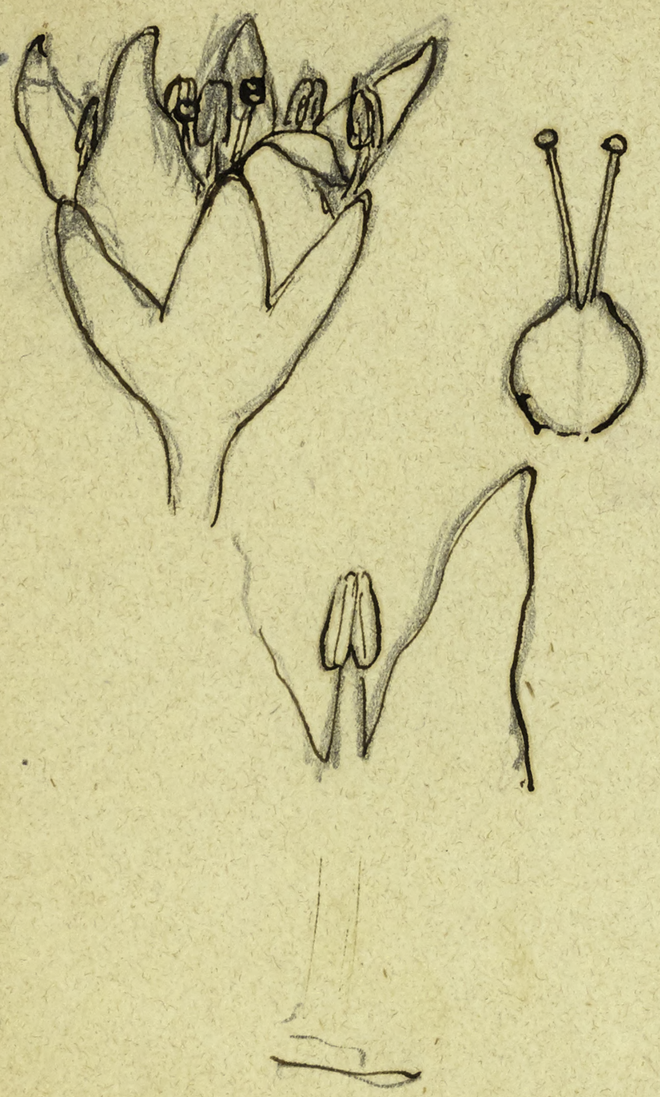
N. C.



Cosmos Sulphureus Cavan
Icon. Sulphureus
Ex herb Berlin

Lobes of Calyx oblong-ish longer than
the campanulate tube of Corolla
Lobes of corolla acute orange-ish
broad petals as long as
anther; styles exsert
rather longer than anther
ovary — stigmata very
small.

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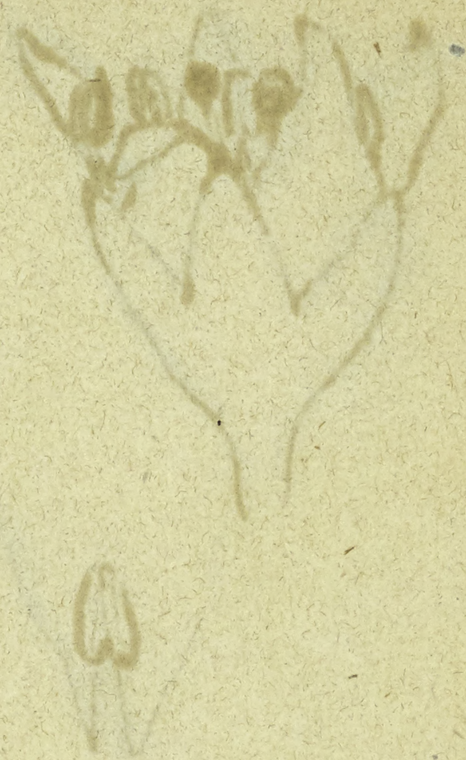

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Kew Aug 1857

Cusonia Sandwicensis Chois

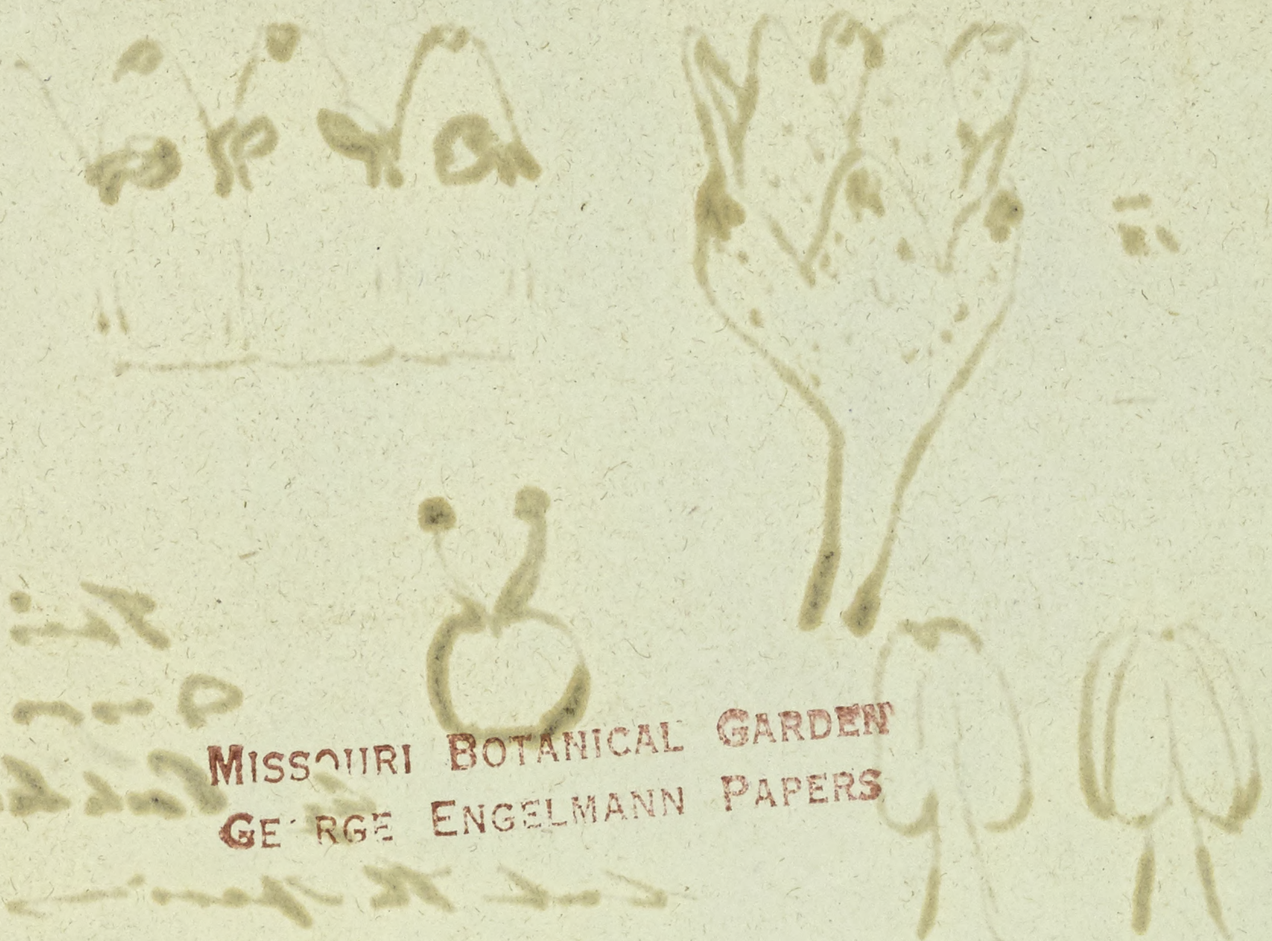
Sandwich Islands, Mauyies

& Hook Dankson

(British Museum)

This is exactly the plant
drawn by Chois — collected
by Pohlhoff, Gaudichaud &c
but the specimens are younger and
~~better~~ state. Lobes of calyx not
imbricate, glabrous, especially at tip;
corolla also glabrous, tube rather shorter the calyx,
lobes ~~short~~ of corolla ~~short~~ ovate, reflexed.
stamens short; anthers oval, filaments shorter, broad
reflexed; ovary ovoid; styles 2 ovary, stigmatic

4780



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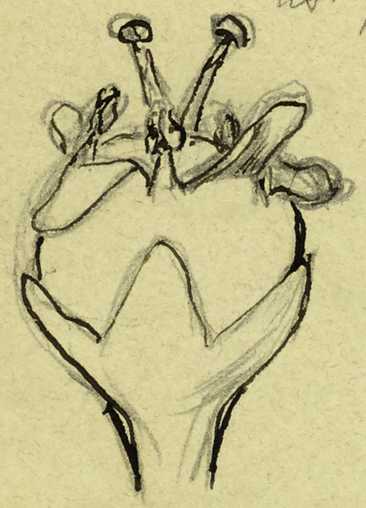
31

obtuse or tubular? = bg



2‴

1.0‴

1½‴

ex Herb. Hook

Cassia Sandwichiana Chois!

Gaudichaud Sandwich Isls

Ex Mus. paris

pubescens

Caulis aspillari, glanduloso hispidulis cinereis, flore longe racemis oligois corymbulosis, foliis triangul pubescentibus obtusi-ovatis ~~acutiusculis~~ corollae tubum superantibus late campanulatum, laciniis ovatis obtusis patulis s. dein reflexis, tubo aequilongis; stam. brevibus; antheris ovatis filamento subulato aequilongis; ovario nullis! stylis subulatis ovario depresso aequ. capsula globosa depressa corolla persistente basi cincta; orificio intrastylari parvo; semin. vermiculari angulatis ovatis; — H. 1½ l. lg, caul. 1 l. lg. over

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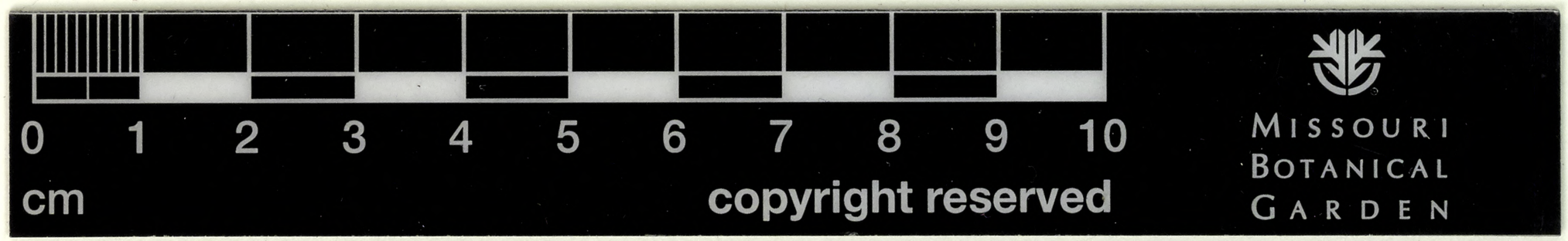
Gand. fl. Belg. i.

c. P. obtusifolium recalls

The plant is Hooker's herbar. has the characters
of the genus; calyx lobes acute, glandulous
longer than the corolla tube; lobes of corolla
lanceolate obtusish; capillary styles scarcely longer
than ovary; ~~seeds only 0.7 oblong oval~~.
seeds 0.9 — 1.0 long, not as sharply angled as
with figure — of the usual form.

Hab. Berlin (Gandekand) has calyx lobes obtusish
but lobes of corolla acute as in the plant. B. G.

Gand. 7

Volume short oblong-linear perforate on a torpedo
small irregularly circular umbilicus seeds rounded oblong
but not rostrate